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identifying conditions of degraded braking effectiveness based on the periodically measured deceleration and brake pedal position; and

- 10 adaptively adjusting a brake pressure control parameter of said anti-lock brake controller when a condition of degraded braking effectiveness is identified so as to compensate for the identified condition.

11. (New) A vehicle braking system comprising:

a driver activated brake pedal;

a brake pedal position sensor providing a plurality of brake pedal positions for said brake pedal;

a brake pressure modulator operatively coupled to brakes;

an anti-lock brake controller that activates said brake pressure modulator to modulate vehicle braking upon detection of an insipient wheel lock condition;

wherein said anti-lock brake controller periodically measures vehicle deceleration and brake pedal position during activation of the braking system when said insipient wheel lock condition is not detected;

wherein said anti-lock brake controller identifies conditions of degraded braking effectiveness based on the periodically measured deceleration and brake pedal position; and

wherein said anti-lock brake controller adaptively adjusts a brake pressure control parameter of said anti-lock brake controller when a condition of degraded braking effectiveness

- 15 is identified so as to compensate for the identified condition.

REMARKS

This amendment is in response to the Office Action mailed on December 18, 2002, wherein Claims 1-9 were rejected. Claims 10 and 11 have been added. Claims 1-11 remain pending.